PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220
068911-0151	ACTION	as well	as, where applicable, item 5 below.
International application No.	International filing date (day/mo	nth/year)	(Earliest) Priority Date (day/month/year)
PCT/US 06/30920	09 August 2006 (09.06.2006)		09 August 2005 (09.08.2005)
Applicant Metaproteomics, LLC		***************************************	
according to Article 18. A copy is bein	g transmitted to the International E		Authority and is transmitted to the applicant
This international search report consists It is also accompanied by a	of a total of sheets. a copy of each prior art document of	cited in this	report.
1. Basis of the report	**************************************		
a. With regard to the language, the	e international search was carried o	out on the b	asis of:
the international app	lication in the language in which i	t was filed	
	nternational application intoished for the purposes of internation	nal search (, which is the language Rules 12.3(a) and 23.1(b))
b. With regard to any nucleo	tide and/or amino acid sequence	disclosed in	the international application, see Box No. I.
2. Certain claims were foun	d unsearchable (see Box No. II)		
3. Unity of invention is lack	ing (see Box No. III)		
4. With regard to the fitle,			
the text is approved as sub	mitted by the applicant		
the text has been established	ed by this Authority to read as follo	ews:	
5. With regard to the abstract,			
the text is approved as sub	mitted by the applicant		
the text has been establish may, within one month fro	ed, according to Rule 38.2(b), by t m the date of mailing of this intern	his Authorit lational sear	ty as it appears in Box No. IV. The applicant ch report, submit comments to this Authority
6. With regard to the drawings,			
 a. the figure of the drawings to be 	published with the abstract is Fig	ure No. 1	
as suggested by the	applicant		
as selected by this A	uthority, because the applicant fai	led to sugge	st a figure
as selected by this A	uthority, because this figure better	characteriz	es the invention
b. none of the figures is to be	e published with the abstract		

Form PCT/ISA/210 (first sheet) (April 2005)

INTERNATIONAL SEARCH REPORT

A. CLASSIFIC IPC(8) LUSPC According to Intem. B. FIELDS SEA Minimum documental IPC(8) - A01N 65,00 USPC - 424/775, 42 Documentation searc USPC - 424/757; 42 Flectronic data base of PubWEST (USPTO, Search Terms, hops, diabetes, retinopathy	ATION OF SUBJECT MATTER - A01N 65/00; A61K 31/12 (20 - 424/775, 424/778; 514/690 ational Patent Classification (IPC) or t RCHED RCHED A01K 31/12 (2007.01) A01K 31/12 (2007.01) A0778; 514/690 hed other than minimum documentation hed other than minimum documentation PGPB, EPAB, JPAB); Google Patents; humulone, lupulone, prenyfflavonoid, occular, acacla catechu, acacla nilodica	fication symbols	d IPC are included are included acticable, sew	in the fields searched ch terms used) kinase, inflammation, cancer, anthin
Electronic dat PubWEST (U Search Terms diabetes, retir	during the in EPAB, JPAB) ne, lupulone, acacia catec	base and, where lar hohumol, isoaipi	acticable, sea acid, protein , lutein, zeax	rms used) e, inflammation, cancer,
C. DOCUMENTS	TENTS CONSIDERED TO BE RELEVANT		A A A A A A STOCK A A STOCK A A STOCK A A STOCK A STOC	STRUCKANA ARABARAKA ARABARAKAN SASSASIAN SASSASIAN SASSASIAN SASSASIAN SASSASIAN SASSASIAN SASSASIAN SASSASIAN
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Further	Further documents are listed in the continuation of Box C.			
"A" document "A" document "E" earlier app filing date	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance cartier application or patent but published on or after the international filing date. document which may throw doubts on priority claim(s) or which is	"T" later document published after the date and not in conflict with the a the principle or theory underlying "X" document of particular relevance, considered novel or cannot be occupy when the document is taken a	t published after the internal conflict with the application of theory underlying the instructional relevance; the clarification cannot be consider document is taken alone document is taken alone	e international filing date or priority application but cited to understand if the invention cannot be considered to involve an inventive abone
	cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed	"Y" document of particular relevan considered to involve an invocation of the combined with one or more other being obvious to a person skille "&" document member of the same	cular relevance; the claims of the an inventive step we or more other such docum person skilled in the art of the same patent family	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family
Date of the ac	te of the actual completion of the international search June 2007 (15.06.2007)	Date of mailing of the 0 3 AUG?	he international search	search report
Mail Stop PCT, 5.0. Box 1450, Facsimile No.	Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimite No. 571-273-3201	Authorized officer: PGT Hapdesk: 571-272-4300 PGY OSP: 571-272-7774	Lee W. Young	

INTERNATIONAL SEARCH REPORT

International application No. PCT/US 06/30920

Category* Citation of	Chancil of document, with indica	Citation of document, with indication, where appropriate, of the relevant passages	evant passages	Relevant to claim No.
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